



1 / 12

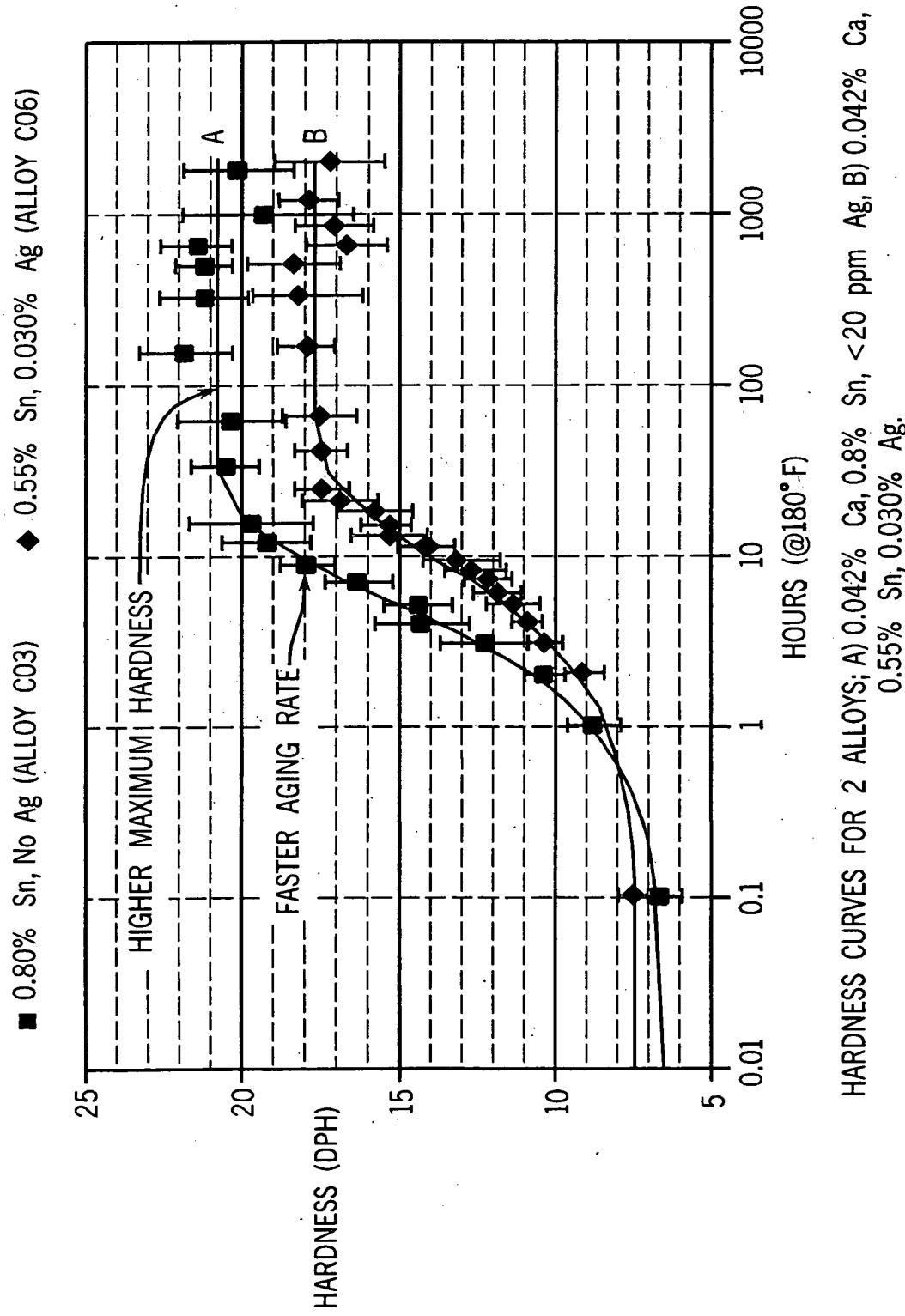


FIG. 1



2 / 12

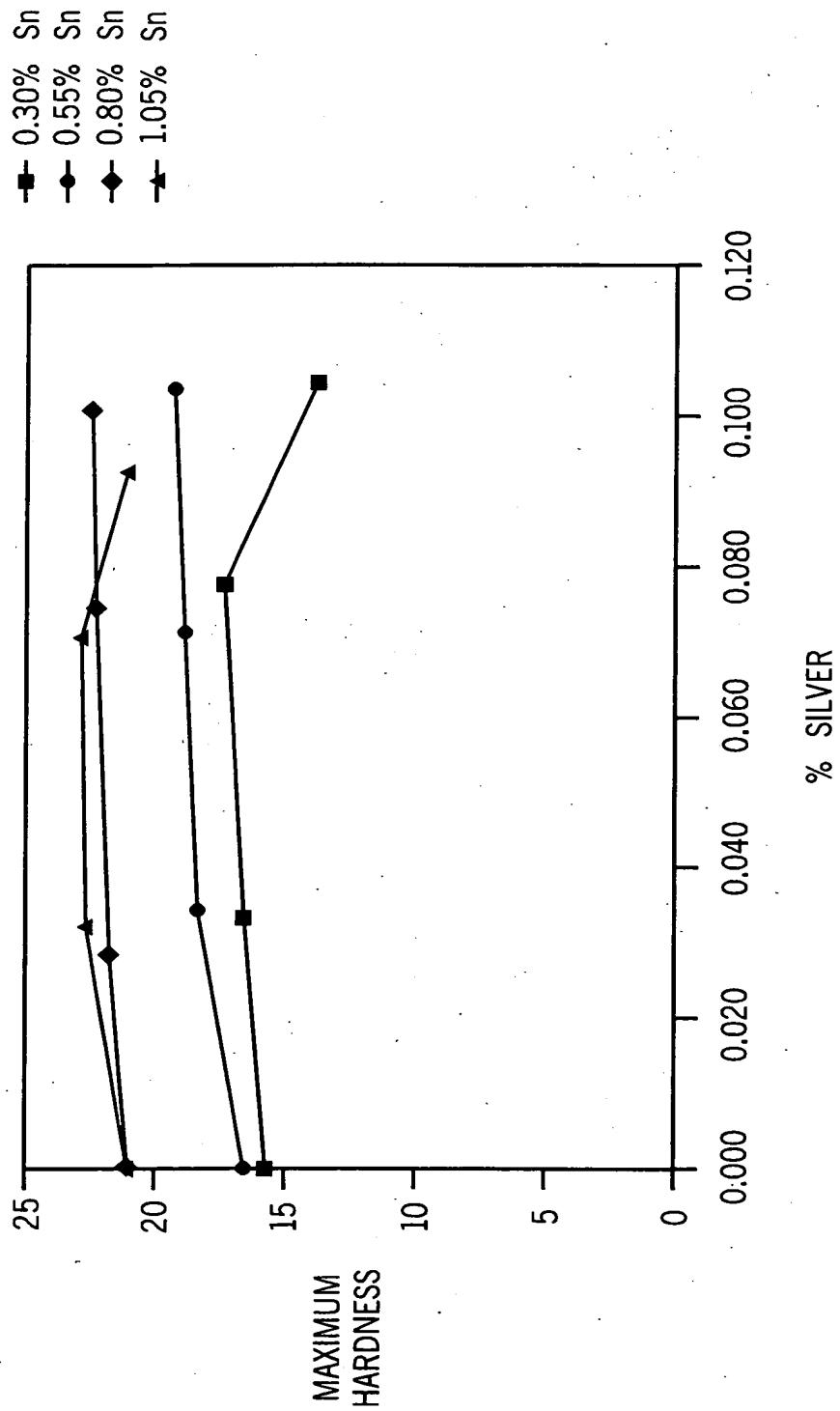


FIG. 2

Title: ALLOY FOR BATTERY GRIDS
Inventor(s): Bauer et al.
Application No.: 09/696,109



3 / 12

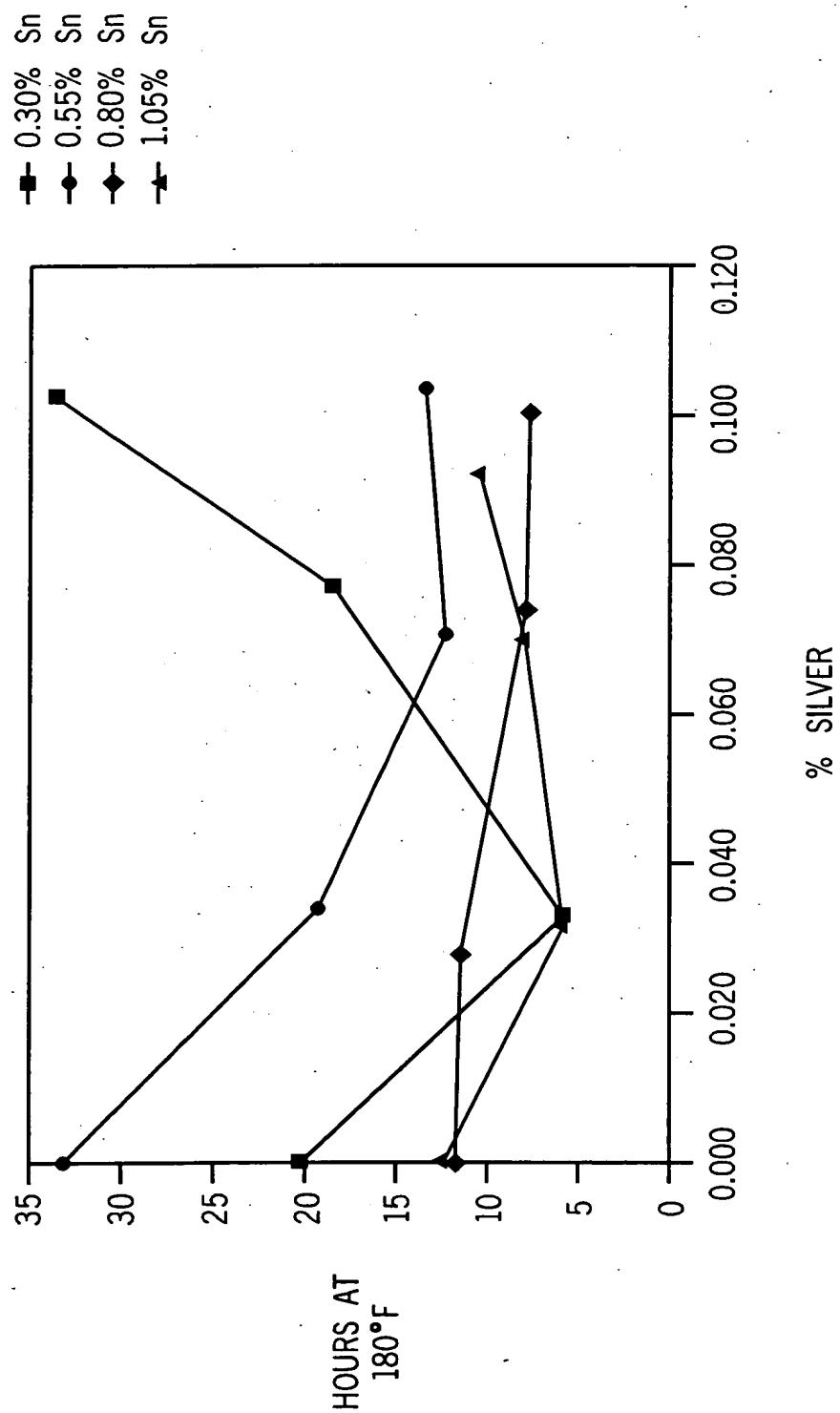
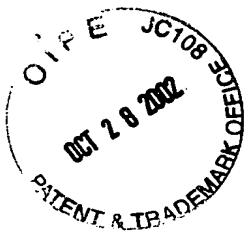


FIG. 3



4 / 12

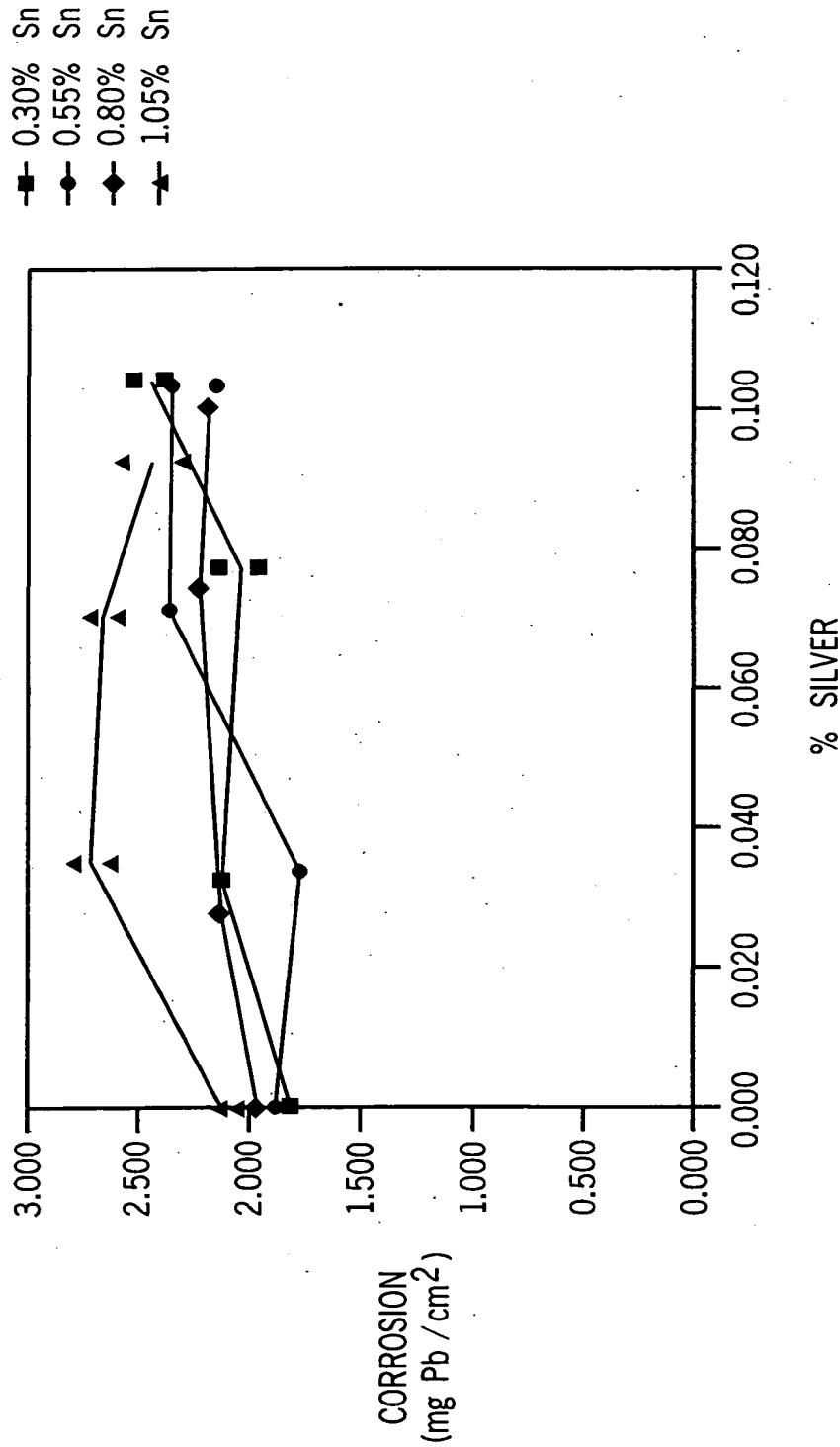
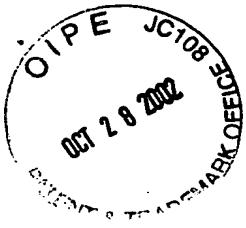


FIG. 4



5 / 12

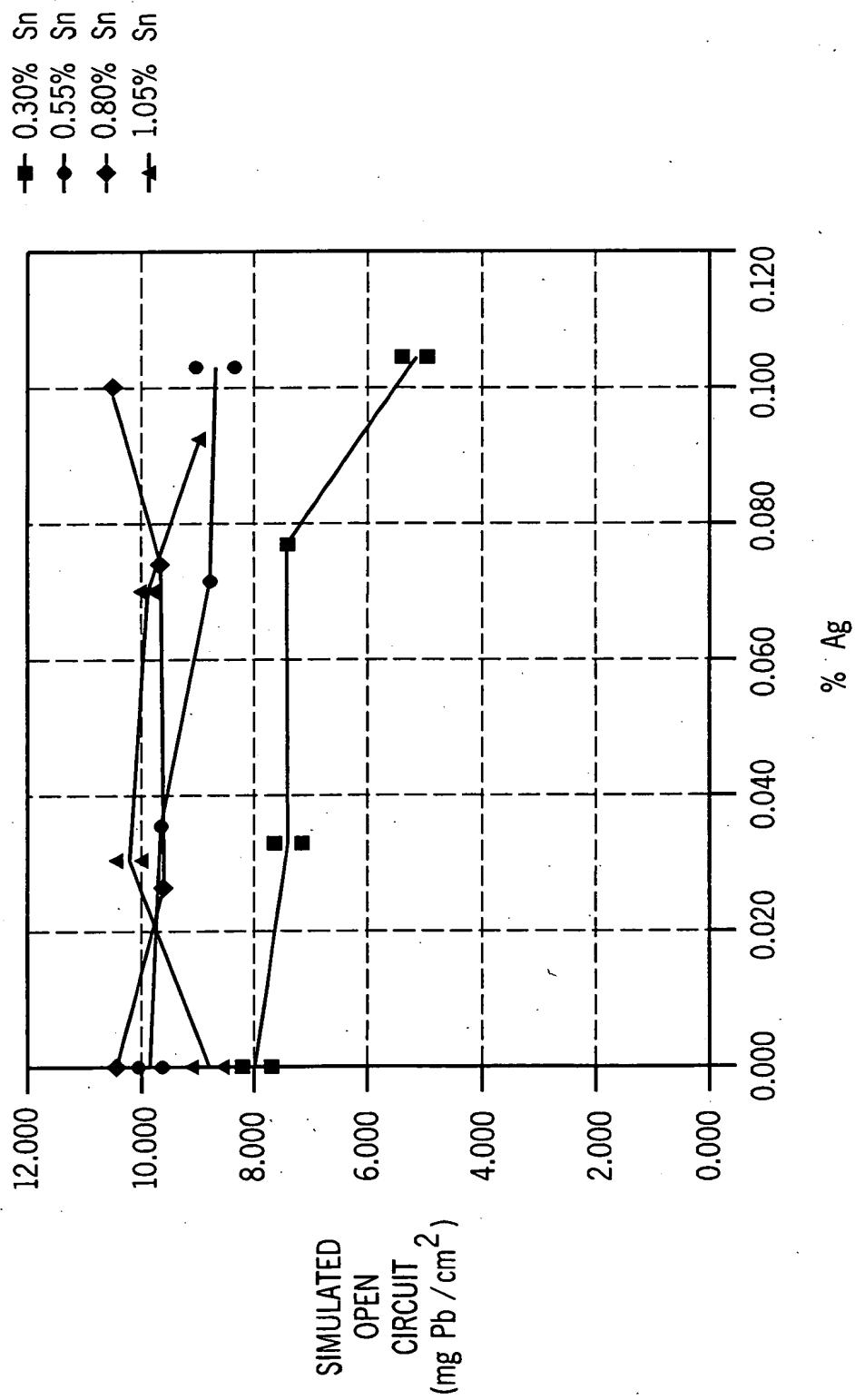


FIG. 5



6 / 12

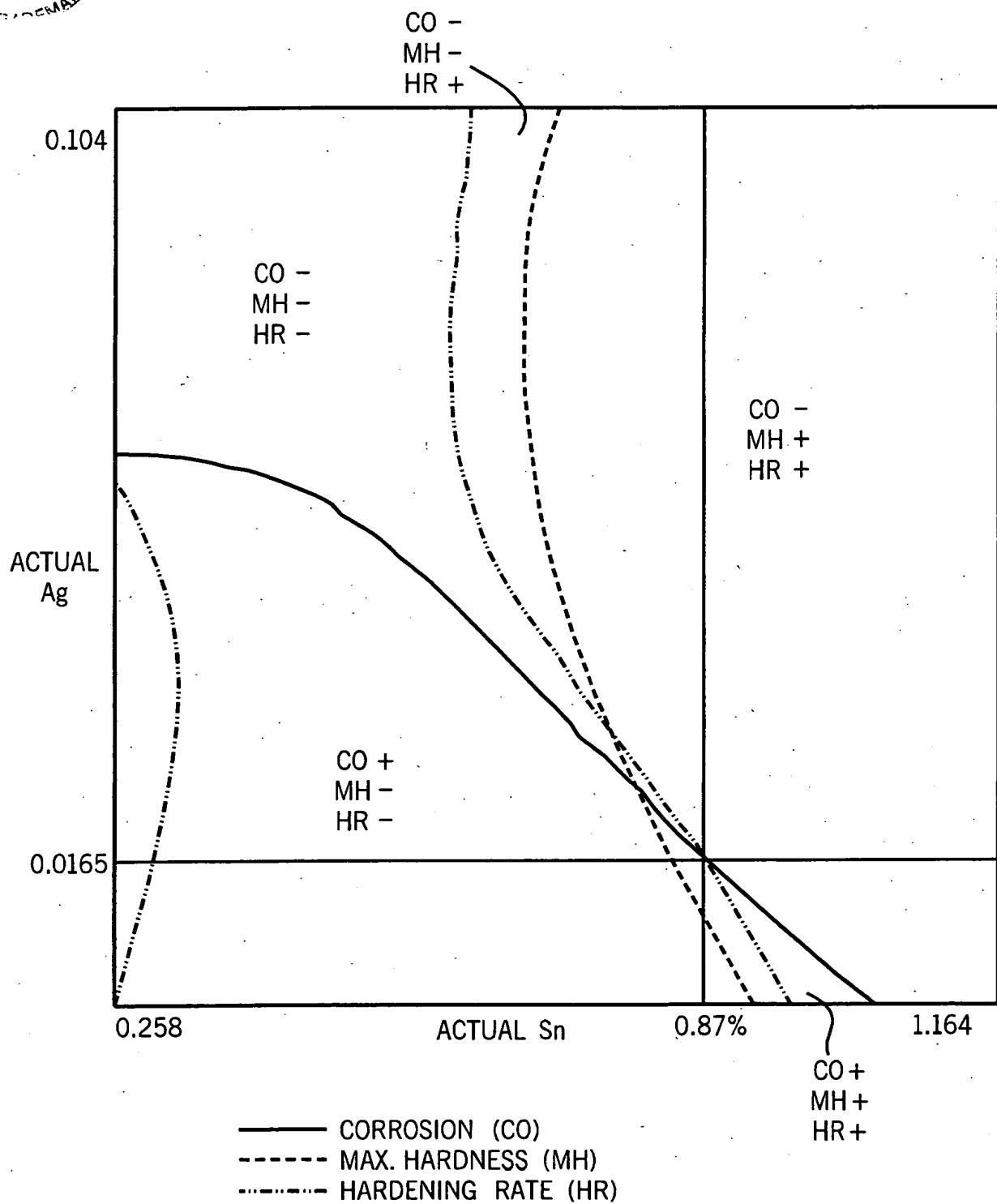


FIG. 6

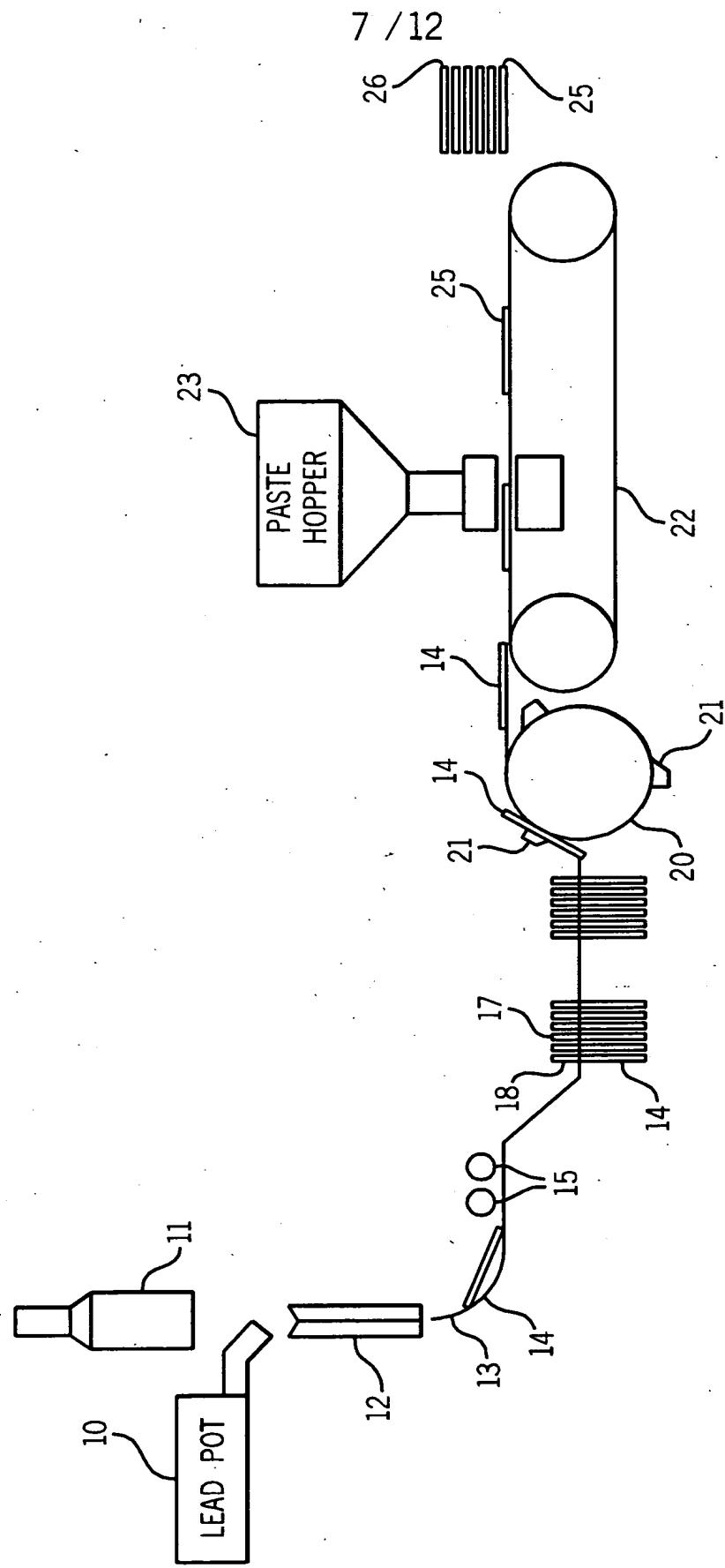


FIG. 7

Title: ALLOY FOR BATTERY GRIDS

Inventor(s): Bauer et al.

Application No.: 09/696,109



8 / 12

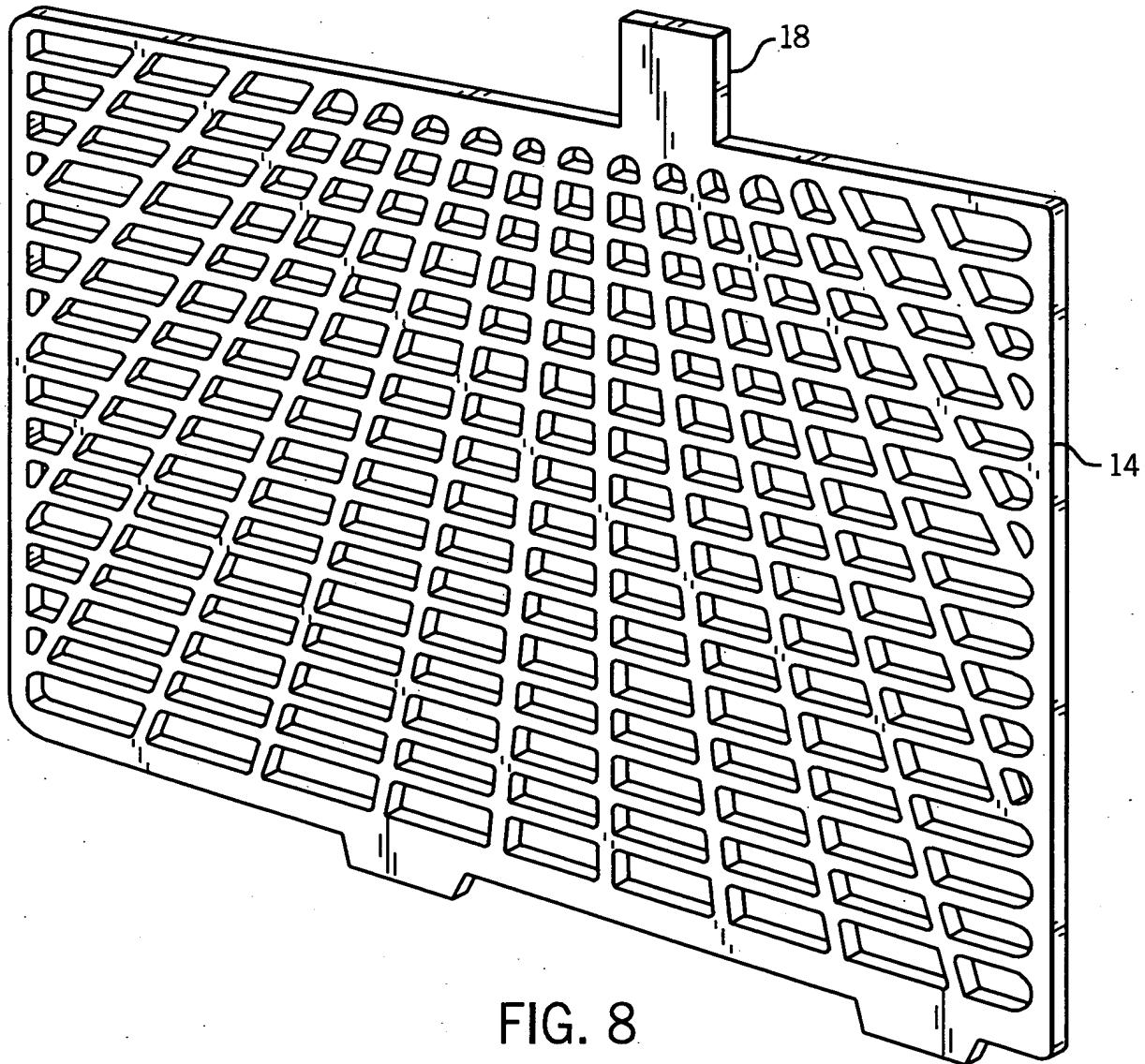


FIG. 8



9 / 12

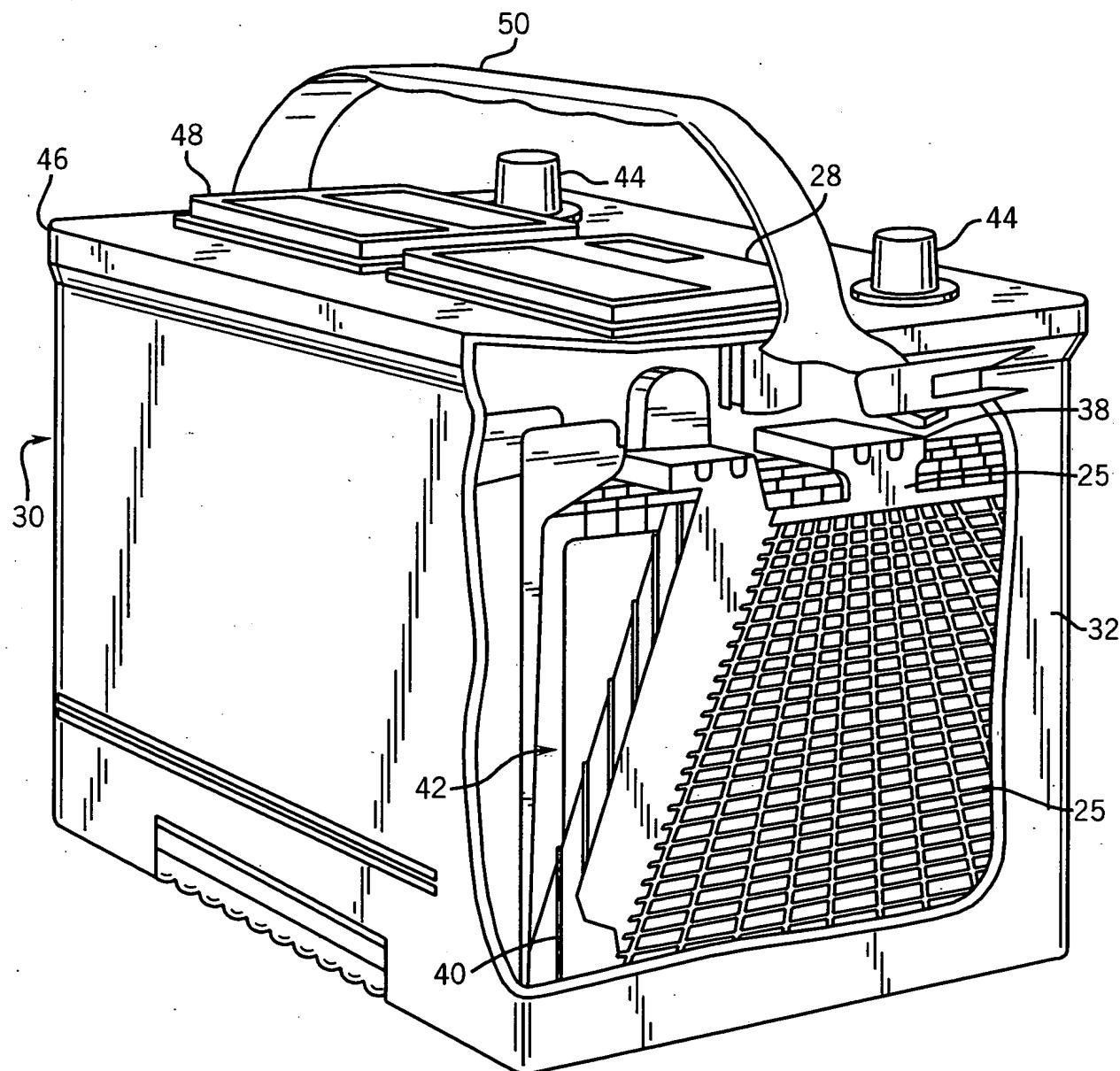


FIG. 9



10 / 12

GRID CRACKING STUDY - 0.8% TIN

ALL ALLOYS CONTAINED FIXED 0.8% Sn

Ag-CONTENT (%)	GRIDS WITH CRACKS (%)
0.012	6.0
0.013	12.0
0.0144	18.0
0.0174	32.0
0.0197	38.0
0.022	44.0
0.0295	43.4

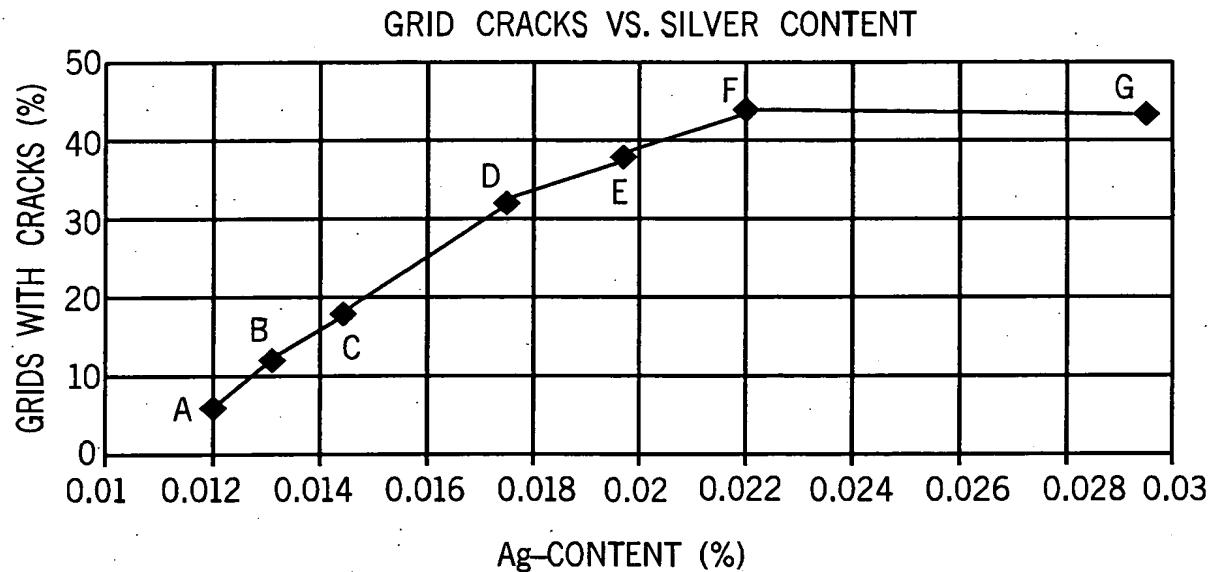


FIG. 10



11 / 12

GRID CRACKING STUDY - 1.1% TIN

ALL ALLOYS CONTAINED FIXED 1.1% Sn

Ag-CONTENT (%)	GRIDS WITH CRACKS (%)
0.0072	5
0.0102	2
0.0125	9
0.0152	10
0.0174	19
0.0194	21
0.0228	29

GRID CRACKS VS. SILVER CONTENT

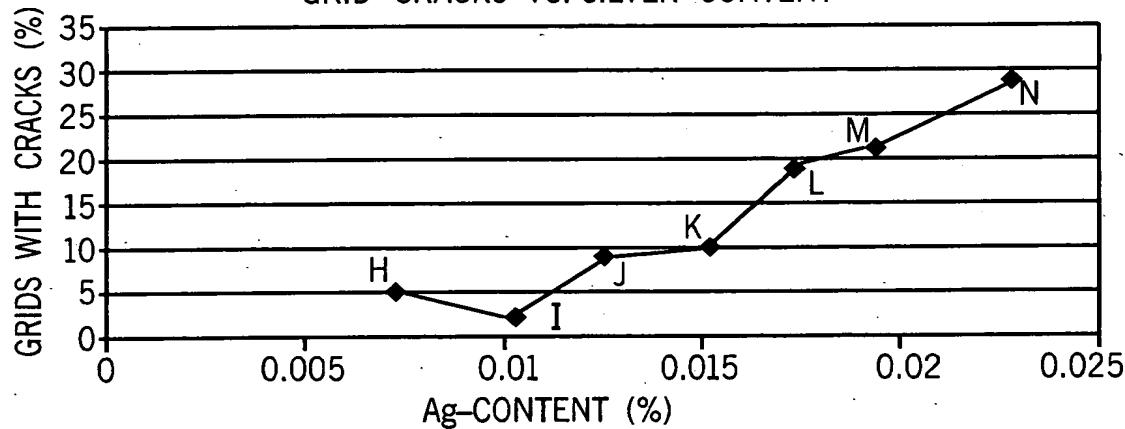


FIG. 11

DE 28 2002

TMARK OFFICE 81015

12 / 12

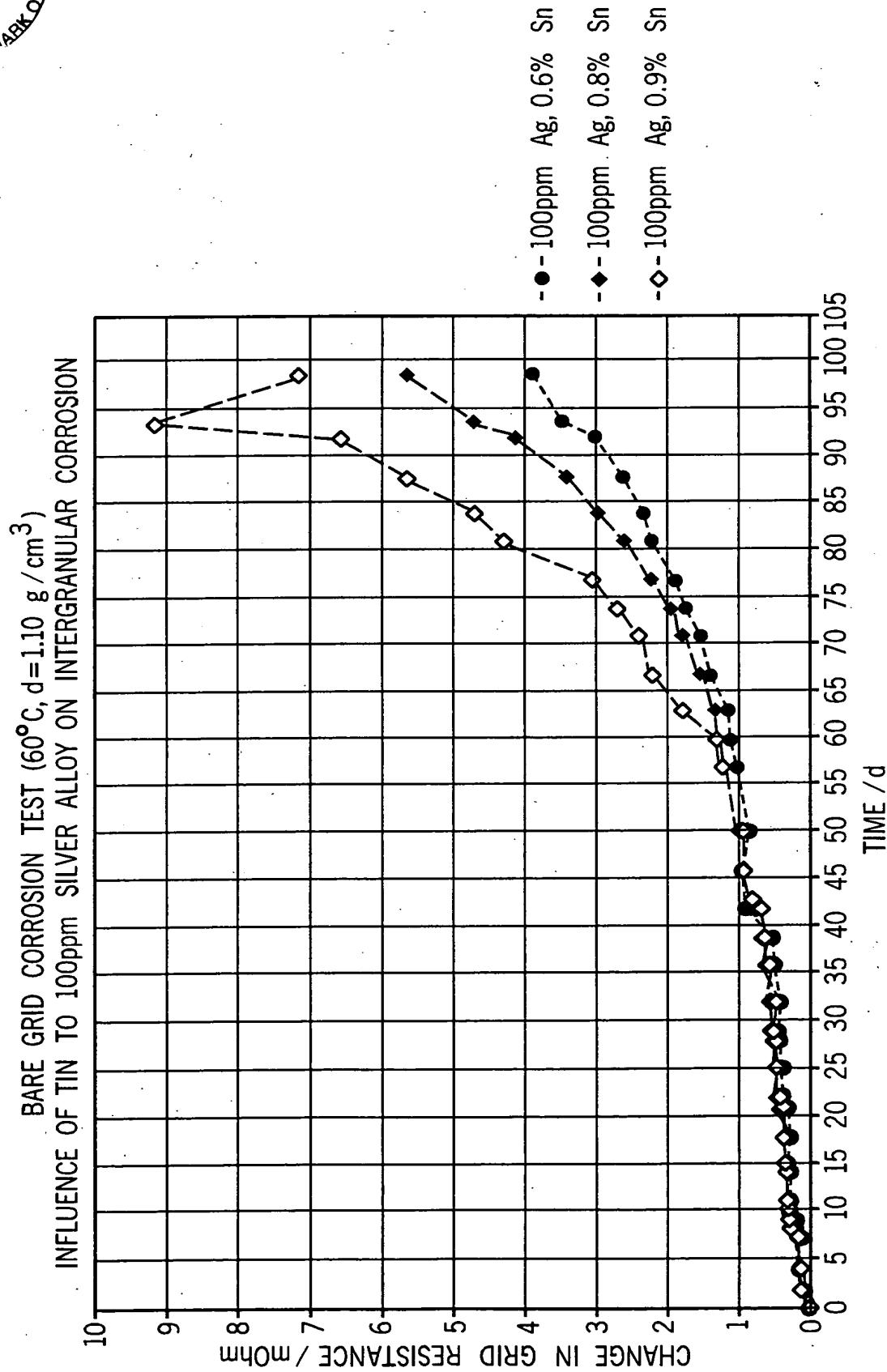


FIG. 12